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U.S. Patent and Trademark Office, P.O. Box 2327, Arlington VA 22202

Date of Signature and Deposit: March 5, 2002

Attorney of Record

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant(s): William H. Bushong et al.  
Serial No.: 10/045,934  
Filed: October 19, 2001  
For: Method and Apparatus for Regulating Charging of Electrochemical Cells  
Docket No.: 780396.91470

**SUBMISSION OF DOCUMENTS  
IN RESPONSE TO NOTICE TO FILE MISSING PARTS**

BOX MISSING PARTS  
Commissioner for Patents  
Washington, D. C. 20231

Dear Sir:

In response to the Notice to File Missing Parts dated February 14, 2002, please find transmitted herewith, the original Declaration signed by the inventors, substitute drawings and the following documents:

- ☒ Copy of the Notice to File Missing parts; and
- ☒ Fee Transmittal Form.

Please deduct \$130.00 from Deposit Account 17-0055 for the late oath or declaration surcharge pursuant to 37 C.F.R. 1.16(e). The Commissioner is additionally hereby authorized to deduct any additional fees arising as a result of this or any other communication from Deposit Account 17-0055.

Respectfully submitted,

WILLIAM H. BUSHONG et al.

By:

Adam J. Forman  
Reg. No. 46,707  
Attorney for Applicant  
Quarles & Brady LLP  
411 E. Wisconsin Avenue, 20<sup>th</sup> Floor  
Milwaukee WI 53202-4497  
(414) 277-5405



#4

PATENT

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SUBMISSION OF FORMAL DRAWINGS

OFFICIAL DRAFTSMAN  
Commissioner for Patents  
Washington, D. C. 20231

Sir:

Enclosed herewith are twenty (20) sheets of formal drawings, including Figs. 1-29 in the above specified case. Please enter these drawings into the file.

The Commissioner is hereby authorized to charge any cost that may be due to Deposit Account No. 17-0055.

Respectfully submitted,

WILLIAM H. BUSHONG et al.

By:

Adam J. Forman  
Reg. No. 46,707  
Attorney for Applicant  
Quarles & Brady LLP  
411 E. Wisconsin Avenue, 20<sup>TH</sup> Floor  
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UNITED STATES PATENT AND TRADEMARK OFFICE

COMMISSIONER FOR PATENTS  
UNITED STATES PATENT AND TRADEMARK OFFICE  
WASHINGTON, D.C. 20231  
www.uspto.gov

APPLICATION NUMBER	FILING/RECEIPT DATE	FIRST NAMED APPLICANT	ATTORNEY DOCKET NUMBER
10/045,934	10/19/2001	William H. Bushong	780396.91470

CONFIRMATION NO. 4823

26710  
QUARLES & BRADY LLP  
411 E. WISCONSIN AVENUE  
SUITE 2040  
MILWAUKEE, WI 53202-4497

FORMALITIES LETTER



\*OC000000007479979\*

Date Mailed: 02/14/2002

NOTICE TO FILE MISSING PARTS OF NONPROVISIONAL APPLICATION

FILED UNDER 37 CFR 1.53(b)

*Filing Date Granted*

An application number and filing date have been accorded to this application. The item(s) indicated below, however, are missing. Applicant is given **TWO MONTHS** from the date of this Notice within which to file all required items and pay any fees required below to avoid abandonment. Extensions of time may be obtained by filing a petition accompanied by the extension fee under the provisions of 37 CFR 1.136(a).

- The oath or declaration is unsigned.
- To avoid abandonment, a late filing fee or oath or declaration surcharge as set forth in 37 CFR 1.16(l) of \$130 for a non-small entity, must be submitted with the missing items identified in this letter.
- **The balance due by applicant is \$ 130.**

The application is informal since it does not comply with the regulations for the reason(s) indicated below.

The required item(s) identified below must be timely submitted to avoid abandonment:

- Substitute drawings in compliance with 37 CFR 1.84 because:
  - drawing sheets do not have the appropriate margin(s) (see 37 CFR 1.84(g)). Each sheet must include a top margin of at least 2.5 cm. (1 inch), a left side margin of at least 2.5 cm. (1 inch), a right side margin of at least 1.5 cm. ( 5/8 inch), and a bottom margin of at least 1.0 cm. (3/8 inch);

03/15/2002 SDENB0B1 00000043 170055 10045934

01 FC:105 130.00 CH

*A copy of this notice **MUST** be returned with the reply.*

*T. M. S. M. a*  
Customer Service Center

Initial Patent Examination Division (703) 308-1202

FIG. 2 - COPY TO BE RETURNED WITH RESPONSE

FIG. 2 - COPY TO BE RETURNED WITH RESPONSE



es.

rec'd

PTO/SB/17 (10/01)

Approved for use through 10/31/2002. OMB 0651-0032

U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number.

# FEE TRANSMITTAL for FY 2002

Patent fees are subject to annual revision.

TOTAL AMOUNT OF PAYMENT

(\$ 130.00

## Complete if Known

Application Number	10/045,934
Filing Date	October 19, 2001
First Named Inventor	William H. Bushong
Examiner Name	
Group Art Unit	2838
Attorney Docket No.	780396.91470

## METHOD OF PAYMENT

1. ☒ The Commissioner is hereby authorized to charge indicated fees and credit any overpayments to:

Deposit Account Number: 17-0055  
Deposit Account Name: Quarles & Brady LLP

☒ Charge Any Additional Fee Required Under 37 CFR 1.16 and 1.17

☐ Applicant claims small entity status. See 37 CFR 1.27

2. Payment Enclosed:

☐ Check ☐ Credit card ☐ Money Order ☐ Other

## FEE CALCULATION

### 1. BASIC FILING FEE

Large Entity Fee Code (\$)	Small Entity Fee Code (\$)	Fee Description	Fee Paid
101 740	201 370	Utility filing fee	
106 330	206 165	Design filing fee	
107 510	207 255	Plant filing fee	
108 740	208 370	Reissue filing fee	
114 160	214 80	Provisional filing fee	

SUBTOTAL (1) (\$)

### 2. EXTRA CLAIM FEES

Total Claims:  -20\*\* =  X  =   
Independent Claims:  -3\*\* =  X  =   
Multiple Dependent:  =

Large Entity Fee Code (\$)	Small Entity Fee Code (\$)	Fee Description
103 18	203 9	Claims in excess of 20
102 84	202 42	Independent claims in excess of 3
104 280	204 140	Multiple dependent claim, if not paid
109 84	209 42	** Reissue independent claims over original patent
110 18	210 9	** Reissue claims in excess of 20 and over original patent

SUBTOTAL (2) (\$)

\*\*or number previously paid, if greater; For Reissues, see above

## FEE CALCULATION (continued)

### 3. ADDITIONAL FEES

Large Entity Fee Code (\$)	Small Entity Fee Code (\$)	Fee Description	Fee Paid
105 130	205 65	Surcharge - late filing fee or oath	130.00
127 50	227 25	Surcharge - late provisional filing fee or cover sheet	
139 130	139 130	Non-English specification	
147 2,520	147 2,520	For filing a request for ex parte reexamination	
112 920*	112 920*	Requesting publication of SIR prior to Examiner action	
113 1,840*	113 1,840*	Requesting publication of SIR after Examiner action	
115 110	215 55	Extension for reply within first month	
116 400	216 200	Extension for reply within second month	
117 920	217 460	Extension for reply within third month	
118 1,440	218 720	Extension for reply within fourth month	
128 1,960	228 980	Extension for reply within fifth month	
119 320	219 160	Notice of Appeal	
120 320	220 160	Filing a brief in support of an appeal	
121 280	221 140	Request for oral hearing	
138 1,510	138 1,510	Petition to institute a public use proceeding	
140 110	240 55	Petition to revive - unavoidable	
141 1,280	241 640	Petition to revive - unintentional	
142 1,280	242 640	Utility issue fee (or reissue)	
143 460	243 230	Design issue fee	
144 620	244 310	Plant issue fee	
122 130	122 130	Petitions to the Commissioner	
123 50	123 50	Processing fee under 37 CFR 1.17(q)	
126 180	126 180	Submission of Information Disclosure Stmt	
581 40	581 40	Recording each patent assignment per property (times number of properties)	
146 740	246 370	Filing a submission after final rejection (37 CFR § 1.129(a))	
149 740	249 370	For each additional invention to be examined (37 CFR § 1.129(b))	
179 740	279 370	Request for Continued Examination (RCE)	
169 900	169 900	Request for expedited examination of a design application	

Other fee (specify) \_\_\_\_\_

\*Reduced by Basic Filing Fee Paid

SUBTOTAL (3) (\$ 130.00

## SUBMITTED BY

Name (Print/Type) Adam J. Forman

Registration No. 46,707  
(Attorney/Agent)

## Complete (if applicable)

Telephone 414.277.5405

Signature

*Adam J. Forman*

Date March 5, 2002

WARNING: Information on this form may become public. Credit card information should not be included on this form. Provide credit card information and authorization on PTO-2038.

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Burden Hour Statement: This form is estimated to take 0.2 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Assistant Commissioner for Patents, Washington, DC 20231.